X401

Bringing projection to life

- XGA - 4000 Lumens, Ideal for larger rooms
- Carry bag included
- Premium network monitor & control - Crestron Roomview support
- No additional speakers required - 16W speaker

Full 3D

CRESTRON RoomView connected

X401

Projecting in boardrooms, lecture theaters or meeting rooms with the exceptionally bright 4000 ANSI Lumens. Installed or on the move with the included carry bag the versatile X401 incorporates Full 3D technology, powerful 16W stereo audio and extensive connectivity. It also has advanced networking capabilities including crestron roomview, Telnet and PJ Link for ultimate control.

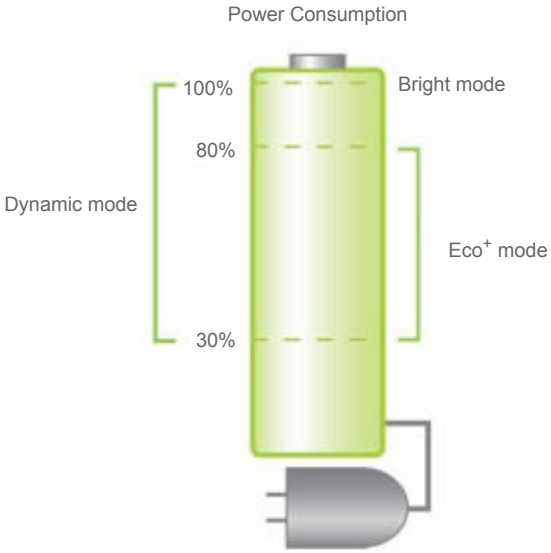
The environmentally friendly X401 has energy saving features including Eco+ and auto power off which help save you both time and money. Our unique Optoma Colour guarantee, combined with an astonishing 7000 hours lamp life ensure hassle-free, long-lasting projection for years to come.

Green Solutions

Eco+ technology from Optoma increases our commitment to reducing the impact we all make on the environment.

Eco+ Mode

Saving energy saves money! Eco+ technology reduces the power consumption to as little as 30%. This intelligent feature also has a positive effect on the lamp life, increasing it up to 70% while lowering the total cost of ownership and reducing maintenance.



Dynamically adjusts the brightness and power consumption

Bright scene
~ 100% power consumption

Dark scene
~ 30% power consumption

Auto Power Off

There may be instances when the projector is left running when not in use. To help save energy if the projector is left running and no source is detected, the "Auto Power Off" feature automatically turns off the projector after a set period of time.

Eco AV Mute

Stay in control of your presentation with the Eco AV mute feature. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also instantly reduces the power consumption to 30%, further prolonging the life of your lamp.

Eco AV mute off
100% power consumption

Eco AV mute on
30% power consumption

RS232 Control

RS232 Compatibility - The X401 comes with an extensive RS232 command set making it simple and easy to control with any control system.

AMX Compatibility - Dynamic Discovery Protocol is incorporated into the X401. This feature allows for easy installation with AMX control systems.

Networking

The X401 has an wide range of network options to remotely control and monitor the projector. These include Crestron, Telnet and PJLink.

Crestron RoomView®

RoomView® software provides a custom configurable interface to power ON/OFF, monitor, manage and control up to 250 projectors at the same time from any computer.

- Schedule the projectors to power ON/OFF saving time, money and extending the life of the lamp.
- Control and alter the projector settings using a simple web browser page including menu control.
- Emergency text broadcast capabilities for urgent or important announcements.
- Reduce maintenance time by automatically receiving emails for lamp replacements.

Download Crestron RoomView® Express software from: www.crestron.com/getroomview

Clear, Focused Images

DarkChip3™ technology from Texas Instruments combined with Eco+ produces a stunning 15,000:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks makes images come alive and text easier to read - ideal for business and education presentations.

2000:1 contrast ratio

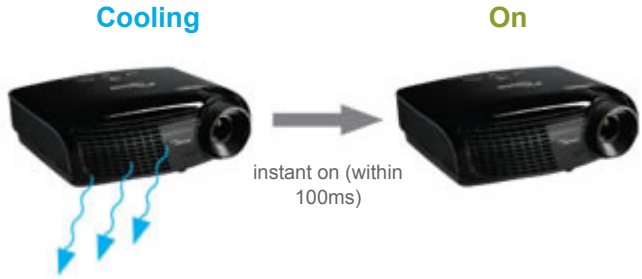
15,000:1 contrast ratio

Rapid Off

It takes less than 10 seconds for the projector to power up and shutdown, saving both time and energy.

Quick Resume

Save time by not waiting for the projector to cool down before it can power up again. If the projector is accidentally turned off, this feature allows the projector to be instantly powered on again, if selected within a period of 100 seconds.



Full 3D

Using the inherent speed of DLP technology, The Optoma X401 Full 3D projector can display true 3D content form almost any 3D display device, including 3D Blu-ray, PS3, Xbox and Sky3D.

Amazing Colours

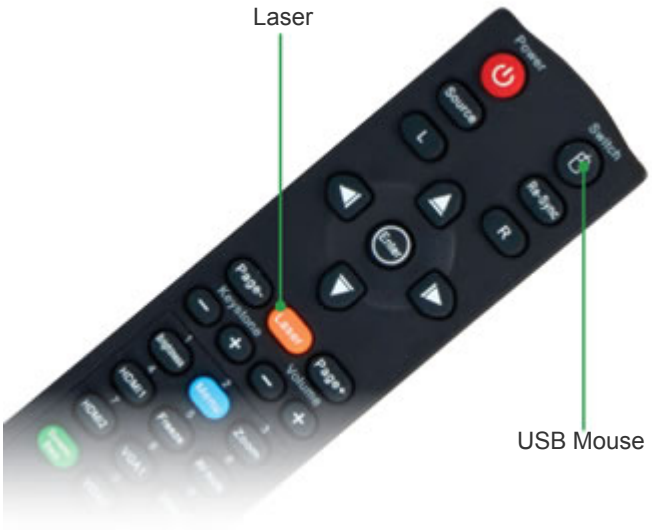
The X401 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

Wireless Presenting (optional extra)

Making presentations couldn't be easier using the optional wireless features of the X401. Using the Wireless Adapter (sold separately) you can connect and display presentations and video material wirelessly from a laptop, PC or mobile device.

USB Remote Mouse and Laser

Control your presentation with dedicated left and right click mouse buttons on the included remote control. You can also point to things on the screen without having to stand in front of the projected image with the built in laser pointer (USB cable required).



Audio Capability

Built-in 16W stereo audio offers excellent sound. The X401 is easy to set up without the need for costly external speakers.

16W

Colour Guarantee

We are so confident that the X401 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.

Environmentally Friendly

To achieve the maximum 7000hrs[2] lamp life, the projector should be operating in Eco+ mode and the auto power off feature should be enabled to automatically switch off the projector if it is accidentally left on. Enabling the <0.5W standby mode ensures the minimum energy consumption when the projector is not switched on.

We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact.

X401 Specification

Display Technology	Single 0.55” XGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	XGA 1024 x 768
Brightness[1] (Bright Mode)	4000 ANSI Lumens
Contrast	15,000:1
Noise Level	29dB
Weight	3.23
I/O Connectors	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB/Wireless), Composite, 3 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (Remote Mouse), +12v Trigger, 3D-Sync
Preset Mode	PC: For computer or notebook (Brightest image) Movie: Maximum contrast and Colour accuracy Game: Bright vivid colour sRGB: For Standard PC Colour (Best Colour Reproductiion) User: Memorises user's settings
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p, 4.43 MHz), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L, 4.25/4.4 MHz) HD (720p50/60Hz, 1080i50/60Hz, 1080p50/60Hz)
Displayable Colours	1073.4 Million
Projection Lens	F/2.41~2.66; f=18.2~21.8mm, 1.2x Manual Zoom
Throw Ratio	1.6 - 1.92:1
Projection Screen Size	0.78 – 9.38m (30.79” - 369.43”) Diagonal 4:3
Projection Distance	1.2 - 12 metres
Horizontal Scan Rate	15.375 - 91.146kHz
Vertical Scan Rate	25 - 85Hz (120Hz for 3D)
Lamp Type/Lamp Life[2]	7000/4000/3000 hours (Eco+/Eco/BRIGHT mode)
Keystone Correction	± 40° Vertical
Audio	16W stereo (2x8W)
Dimensions (W x D x H)	324 x 234 x 97
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting
Power Supply	100-240V, 50-60Hz
Power Consumption	335W BRIGHT mode < 0.5W Standby mode, 285W Eco+ mode < 0.5W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security Bar, Kensington Lock, Password Protection
Standard Accessories	Soft Carry Bag, Lens Cover, AC Power Cord, VGA Cable, USB Cable, Infra Red Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Wireless Dongle, Ceiling Mount Kit
RoHS	Compliant
3D Support	The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Viewing	Requires Optoma ZD301 DLP® LinkTM active shutter glasses – sold separately
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Aspect Ratio	4:3 Native, 16:9 Compatible
Speaker	16
Offset	115%
Image Size	0.78 - 9.38m (30.79" - 369.43") Diagonal 4:3
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi & Arabic
Zoom Type	1.2x Manual
Optional Wireless	Yes
Bag	Yes
Features	Eco+

Easy to use remote control

X401 Remote Control

1. Power
2. Mouse select
3. Source
4. Re-sync
5. Left mouse click
6. Right mouse click
7. Mouse control
8. Mode
9. Page up/down control
10. Vertical keystone correction
11. Volume control
12. Brightness
13. Menu
14. Direct input source select
15. Eco AV mute
16. Eco+
17. 3D control

X401 Connections

18. RJ45
19. USB (Remote Mouse)
20. HDMI
21. VGA 1
22. VGA Out
23. Video
24. 3D-Sync
25. Audio Out
26. +12V Trigger
27. VGA 2
28. RS232 - 9 Pin
29. Audio In - Video
30. Audio In - VGA 2
31. Audio In - VGA 1
32. Kensington Lock

Exceptional Connectivity / Multiple Terminals

X401 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.75	0.63	0.56	0.47	0.94	36.94	0.08
2.00	1.25	1.04	0.94	0.78	1.56	61.57	0.14
2.50	1.56	1.30	1.17	0.98	1.95	76.96	0.18
3.00	1.88	1.56	1.41	1.17	2.35	92.36	0.21
4.00	2.50	2.08	1.88	1.57	3.13	123.14	0.28
5.00	3.13	2.60	2.35	1.96	3.91	153.93	0.35
6.00	3.75	3.13	2.82	2.35	4.69	184.71	0.42
7.00	4.38	3.65	3.29	2.74	5.47	215.50	0.49
8.00	5.00	4.17	3.76	3.13	6.26	246.29	0.56
9.00	5.63	4.69	4.23	3.52	7.04	277.07	0.63
10.00	6.25	5.21	4.70	3.92	7.82	307.86	0.70
11.00	6.88	5.73	5.17	4.31	8.60	338.64	0.78
12.00	7.50	6.25	5.64	4.70	9.38	369.43	0.85

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†Depends on projector model and lamp.1Brightness will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. 2Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. 3Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is excessive (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (d) Over time worn lamps within all projector types will show a slight colour variance. Copyright © 2012, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Crestron®, the Crestron and RoomView® logo are registered trademarks of Crestron Electronics, Inc. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.

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